epiSUMMARY

Manitoba Monthly Surveillance Report

September 2015

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2015	2014	Change
Enterics													
HEPATITIS A	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	7	-5
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	3	1	2
E. COLI-VEROTOXIGENIC	9	6	6.9 (3.2-13.1)	4.7 (1.7-10.1)	2	1	0	0	6	0	35	33	2
SHIGELLOSIS	2	7	1.5 (0.2-5.5)	5.4 (2.2-11.2)	1	0	0	0	1	0	11	29	-18
GIARDIASIS	11	10	8.4 (4.2-15.1)	7.8 (3.7-14.3)	8	1	1	0	1	0	72	64	8
CRYPTOSPORIDIOSIS	6	16	4.6 (1.7-10.0)	12.4 (7.1-20.2)	0	0	2	1	3	0	33	93	-60
SALMONELLOSIS	12	21	9.2 (4.7-16.0)	16.3 (10.1-24.9)	6	0	4	2	0	0	163	176	-13
CAMPYLOBACTER	17	21	13.0 (7.6-20.8)	16.3 (10.1-24.9)	1	1	3	9	3	0	119	136	-17
VPD													
H. INFLUENZAE (NON-SEROTYPE B)	3	0	2.3 (0.5-6.7)	0.0 (0.0-2.9)	0	0	1	2	0	0	24	5	19
DIPHTHERIA CARRIERS	2	0	1.5 (0.2-5.5)	0.0 (0.0-2.9)	2	0	0	0	0	0	3	0	3
MUMPS	3	0	2.3 (0.5-6.7)	0.0 (0.0-2.9)	1	0	0	1	1	0	10	0	10
PERTUSSIS	12	9	9.2 (4.7-16.0)	7.0 (3.2-13.3)	2	0	0	0	10	0	48	11	37
PNEUMOCOCCAL INVASIVE DISEASE	3	9	2.3 (0.5-6.7)	7.0 (3.2-13.3)	1	0	1	0	1	0	83	102	-19
Respiratory Diseases and TB													

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2015	2014	Change
TB - NON-RESP.	5	1	3.8 (1.2-8.9)	0.8 (0.0-4.3)	3	0	1	1	0	0	30	18	12
INFLUENZA A	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	0	0	0	1	1	0	672	652	20
TB - RESP.	7	13	5.4 (2.2-11.0)	10.1 (5.4-17.2)	4	0	2	1	0	0	96	85	11
EMD and Zoonotics													
WNV NEUROLOGICAL SYNDROME	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	0	0	0	0	1	0	1	1	0
MALARIA	5	2	3.8 (1.2-8.9)	1.6 (0.2-5.6)	5	0	0	0	0	0	18	18	0
BLASTOMYCOSIS	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	1	0	1	0	0	0	12	9	3
STBBI													
HIV	11	7	8.4 (4.2-15.1)	5.4 (2.2-11.2)	9	2	0	0	0	0	87	64	23
SYPHILIS (Sero-reactive)*	40	.....	30.6 (21.9-41.7)	.....	30	3	3	3	1	0	438	306	132
HEPATITIS C	37	23	28.3 (19.9-39.0)	17.8 (11.3-26.8)	24	1	2	7	3	0	293	273	20
GONORRHEA	85	119	65.1 (52.0-80.5)	92.3 (76.5-110.5)	43	8	24	4	6	0	783	797	-14
CHLAMYDIA	624	565	477.7 (440.9-516.7)	438.3 (402.9-476.0)	314	67	152	55	35	1	4850	4719	131
OTHER DISEASES													
STREP. INVASIVE DISEASE (GROUP A)	19	11	14.5 (8.8-22.7)	8.5 (4.3-15.3)	9	3	1	4	2	0	155	87	68
CLOSTRIDIUM DIFFICILE	80	75	61.2 (48.6-76.2)	58.2 (45.8-72.9)	52	3	3	8	14	0	808	659	149

Data extracted: November 16, 2015

Notes and Abbreviations

Notes:
1. 3-year-average cases / rate are defined as the average cases / rate reported in the same month over the previous three years.
2. Out-of-province cases are excluded.
3. The diseases where the current monthly rates are significantly higher than the previous 3-year average rates for the same month are highlighted yellow.
4. Syphilis: Due to improved testing and referral processes that took place in 2013, there was an observed increase in the number of records entered into the surveillance system. The data point shown in the table includes all reported Treponema serology-reactive individuals, however these may be infectious and non-infectious cases, as well as those requiring further public health follow-up to determine this status. These factors also make it difficult to draw a comparison to historical data, therefore statistical testing was not done.
5. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
EMD	Environmentally Mediated Diseases
IERHA	Interlake-Eastern Regional Health Authority
NRHA	Northern Regional Health Authority
PMH	Prairie Mountain Health
RHA	Regional Health Authority
STBBI	Sexually Transmitted & Blood-Borne Infections
TB	Tuberculosis
VPD	Vaccine Preventable Diseases
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority